EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	140	apochromatic lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:00
L2	5140	(emit$3 or irradiat$3 or releas$3 or discharg$3) near3 (first or second or third or fourth or fifth) adj3 laser same (beam or oscillat$3 or ray or radiat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L3	1412	form$3 near3 (first or second or third or fourth or fifth) adj3 (laser adj3 (beam or oscillat $3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L4	449	L2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L5	20512	(crystal$3 or efflores$3 or elucidat$3 or illuminat$3 or solid $3) near3 (semiconduct$3 adj3 (film or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L6	88	L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L7	4395	(first or second or third or fourth or fifth) adj3 (laser adj3 (beam or oscillat$3)) same wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L8	57	L6 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01

L9	29152250	@ad<"20040618" or @rlad<"20040618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L10	51	L8 and L9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L11	72633	(dichroic or achromatic or apochromatic or condens$3) adj3 len$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L12	5	L10 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:01
L13	0	L1 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:08
L14	119	apochromatic len	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:08
L15	68836	(dichroic and achromatic and apochromatic or condens$3) adj3 len$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:09
L16	15	L14 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:09

L17	48	("4561016" "4566761" "4791591" "4978197" "5274433" "5287216" "5666447" "6134050" "6226126" "6226126" "4345258" "4394623" "4413342" "4502762" "4823357" "4911532" "4930868" "4933688" "4949100" "4961079" "4965780" "4980549" "4982166" "4982206" "5018805" "5023448" "5179462" "5181137" "5210643" "5319528" "5345304" "5485225" "5493579" "5744815" "5746735" "5822501" "5892617" "5912451" "5969323" "6005718" "6056741" "6075912" "6170953" "6212310" "6212310" "6268917" "6275632" "6298187" "6407974" "6556282").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/20 13:11
L18	0	L16 and L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:14
L19	88	L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:14
L20	1	L16 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/20 13:14
S1	2	"20070166965".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/10 15:16
S2	4674	(emit$3 or irradiat$3 or releas $3 or discharg$3) near3 (first or second or third or fourth or fifth) adj3 laser same (beam or oscillat$3 or ray or radiat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 15:53

S3	0	JP 2003-228034.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 17:45
S4	0	JP2003-228034.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 17:46
S5	0	JP2003228034.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 17:46
S6	3	"2003228034".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 17:46
S7	1278	form$3 near3 (first or second or third or fourth or fifth) adj3 (laser adj3 (beam or oscillat $3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:33
S8	396	S2 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:33
S9	18502	(crystal$3 or efflores$3 or elucidat$3 or illuminat$3 or solid $3) near3 (semiconduct$3 adj3 (film or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:42
S10	75	S8 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:43
S11	4065	(first or second or third or fourth or fifth) adj3 (laser adj3 (beam or oscillat$3)) same wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:44

S12	52	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:44
S13	29046282	@ad<"20040618" or @rlad<"20040618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:46
S14	46	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:47
S15	4064	(dichroic or achromatic or apochromatic) adj3 len$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:48
S16	68492	(dichroic or achromatic or apochromatic or condens$3) adj3 len$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:48
S17	5	S14 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 18:49
S18	23	("20020090816" | "20020102819" | "20020102830" | "20020115265" | "20020182889" | "5766695" | "6071795" | "6113685" | "6210479" | "6274518" | "6303405" | "6348096" | "6426519" | "6447938" | "6448102").PN. OR ("6562701").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/11 19:07
S19	7336	semiconductor energy laboratory.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:14

S20	8	S14 NOT S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:14
S21	19	S10 NOT S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:20
S22	13	S21 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:20
S23	8574	Yamazaki.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:23
S24	8	S20 NOT S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:24
S25	138468	Yamazaki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:24
S26	5	S20 NOT S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/11 19:25
S27	25552	dichroic adj3 mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:38
S28	25912	dichroic adj3 (mirror or len$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:38

S29	17	cylindric$3 achromatic adj3 (mirror or len$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:39
S30	29112938	@ad< "20040618" or @rlad< "20040618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:40
S31	19337	S28 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:40
S32	0	S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:41
S33	2900	achromatic adj3 (mirror or len $3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:41
S34	0	(first or second or third) adj3 (laser or light) adj3 (beam or ray) near3 (dichroic adj3 (mirror or len$3)) near5 opical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:49
S35	0	(first or second or third) adj3 (laser or light) adj3 (beam or ray) near5 opical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:50
S36	0	(laser or light) adj3 (beam or ray) near5 opical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:50
S37	8	(laser or light) adj3 (beam or ray) same opical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:50

S38	4	S37 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:51
S39	8	((laser or light) adj3 (beam or ray)) same opical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:51
S40	24103	Semiconductor Energy.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:52
S41	4	(dichroic and achromatic and apochromatic) adj3 (len$3 or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:53
S42	10320	(dichroic or achromatic or apochromatic or condens$3) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:53
S43	9984	(dichroic and achromatic or apochromatic or condens$3) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:55
S44	9969	(dichroic and achromatic and apochromatic or condens$3) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:55
S45	0	(dichroic and achromatic and apochromatic and condens$3) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:55
S46	0	(dichroic and achromatic and apochromatic) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:56

S47	393	(dichroic or achromatic or apochromatic) adj3 len$3 same optical axis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:56
S48	48	("4561016" "4566761" "4791591" "4978197" "5274433" "5287216" "5666447" "6134050" "6226126" "6226126" "4345258" "4394623" "4413342" "4502762" "4823357" "4911532" "4930868" "4933688" "4949100" "4961079" "4965780" "4980549" "4982166" "4982206" "5018805" "5023448" "5179462" "5181137" "5210643" "5319528" "5345304" "5485225" "5493579" "5744815" "5746735" "5822501" "5892617" "5912451" "5969323" "6005718" "6056741" "6075912" "6170953" "6212310" "6212310" "6268917" "6275632" "6298187" "6407974" "6556282").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 21:59
S49	0	S47 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 21:59
S50	0	S43 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 22:00
S51	6022	438/166,479,487,689.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 22:16
S52	3739	257/E21.133,E21.134.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 22:17

| S53 | 1236 | S51 and S52 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/20 22:17 |

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	6	cylindric$3 achromatic adj3 (mirror or len$3)	USPAT; UPAD	ADJ	ON	2009/11/20 21:41
S55	1438	achromatic adj3 (mirror or len$3)	USPAT; UPAD	ADJ	ON	2009/11/20 21:41
S56	4373	Semiconductor Energy.as.	USPAT; UPAD	ADJ	ON	2009/11/20 21:52
S57	2985	438/166,479,487,689.ccls.	USPAT; UPAD	ADJ	ON	2009/11/20 22:17
S58	1665	257/E21.133,E21.134.ccls.	USPAT; UPAD	ADJ	ON	2009/11/20 22:17
S59	767	S57 and S58	USPAT; UPAD	ADJ	ON	2009/11/20 22:17
S60	24188	(dichroic or achromatic or apochromatic or condens$3) adj3 len$3	USPAT; UPAD	ADJ	ON	2009/11/20 22:18
S61	4347	semiconductor energy laboratory.as.	USPAT; UPAD	ADJ	ON	2009/11/20 22:18
S62	79	S59 and S60	USPAT; UPAD	ADJ	ON	2009/11/20 22:18
S63	34	S62 NOT S61	USPAT; UPAD	ADJ	ON	2009/11/20 22:18
S64	192	(dichroic or achromatic or apochromatic) adj3 len$3 same optic$3 axis	USPAT; UPAD	ADJ	ON	2009/11/20 22:19

4/20/2010 1:15:16 PM
C:\ Documents and Settings\ Amustapha\ My Documents\ EAST\ Workspaces\ 10_582614 (Laser irradiation method . . .).wsp